



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Sun-Tek Manufacturing, Inc.
10303 General Drive.
Orlando, FL 32824

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: ICMG Skylight System

APPROVAL DOCUMENT: Drawing No. STI-00000290, titled "ICMG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc., dated August 07, 2007, with last revision "A" dated May 03, 2012, signed and sealed by James D. Wells, Jr., P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 11-0601.03 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
09/20/2012

NOA No. 12-0517.26
Expiration Date: 10/10/2012
Approval Date: 09/20/2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0425.05

A. DRAWINGS

1. *Drawing No. STI-00000290-SHT1/SHT2, titled "ICMG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc, dated 06/04/07, with last revision dated 08/07/07, signed and sealed by James D. Wells, Jr., P.E.*

B. TESTS (submitted under NOA # 02-0729.07)

1. *Test Report on Large Missile Impact Test per PA 201, Cyclic Wind Pressure Test per PA 203 and Uniform Static Air Pressure Test per PA 202 of "Model ICMG 4949 Insulated Glass Skylight with Polycarbonate Inner Liner" prepared by National Certified Testing Laboratories, Report No. 210-2789-1, 2 & 3, dated 03/18/02, signed and sealed by B. Portnoy, PE.*

C. CALCULATIONS

1. *Anchor Calculations for attachment of skylight to cubing and curbing to decking, dated 08/13/07, signed and sealed by James D. Wells, Jr., P.E.*

D. MATERIAL CERTIFICATIONS (submitted under NOA # 02-0729.07)

1. *Die drawings No. STI-214 of Deco Ring, prepared by Sun-Tek Manufacturing, Inc. on 6/19/95.*
2. *Die drawing No. STI-205 of Curb Frame prepared by Sun-Tek Manufacturing Inc. on 12/26/96.*

E. STATEMENTS (submitted under NOA # 02-0729.07)

1. *Code compliance and No-Interest letter issued by Product Technology Corporation. on 08/27/02, signed and sealed by R. J. Quiroga PE.*

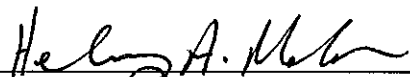
F. OTHER

1. *NOA renewal request letter issued by Sun-Tek Manufacturing, Inc., dated 08/16/07, signed by James Feudner.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 11-0601.03

A. DRAWINGS

1. *Drawing No. STI-00000290-SHT1/SHT2, titled "ICMG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc., dated August 07, 2007, with last revision "A" dated October 14, 2011, signed and sealed by James D. Wells, Jr., P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0517.26
Expiration Date: 10/10/2012
Approval Date: 09/20/2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. *Test Addendum for Test Report NCTL 210-2760-1, prepared by national Certified Testing Laboratories, dated October 17, 2011, certifying the interlayer thickness, signed by Mark Bennett, Manager of Testing Services (see NOA#11-0601.02).*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

E. MATERIAL CERTIFICATIONS

1. *None.*

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. STI-00000290, titled "ICMG", sheet 1 & 2 of 2, prepared by Sun-Tek Manufacturing, Inc., dated August 07, 2007, with last revision "A" dated May 03, 2012, signed and sealed by James D. Wells, Jr., P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

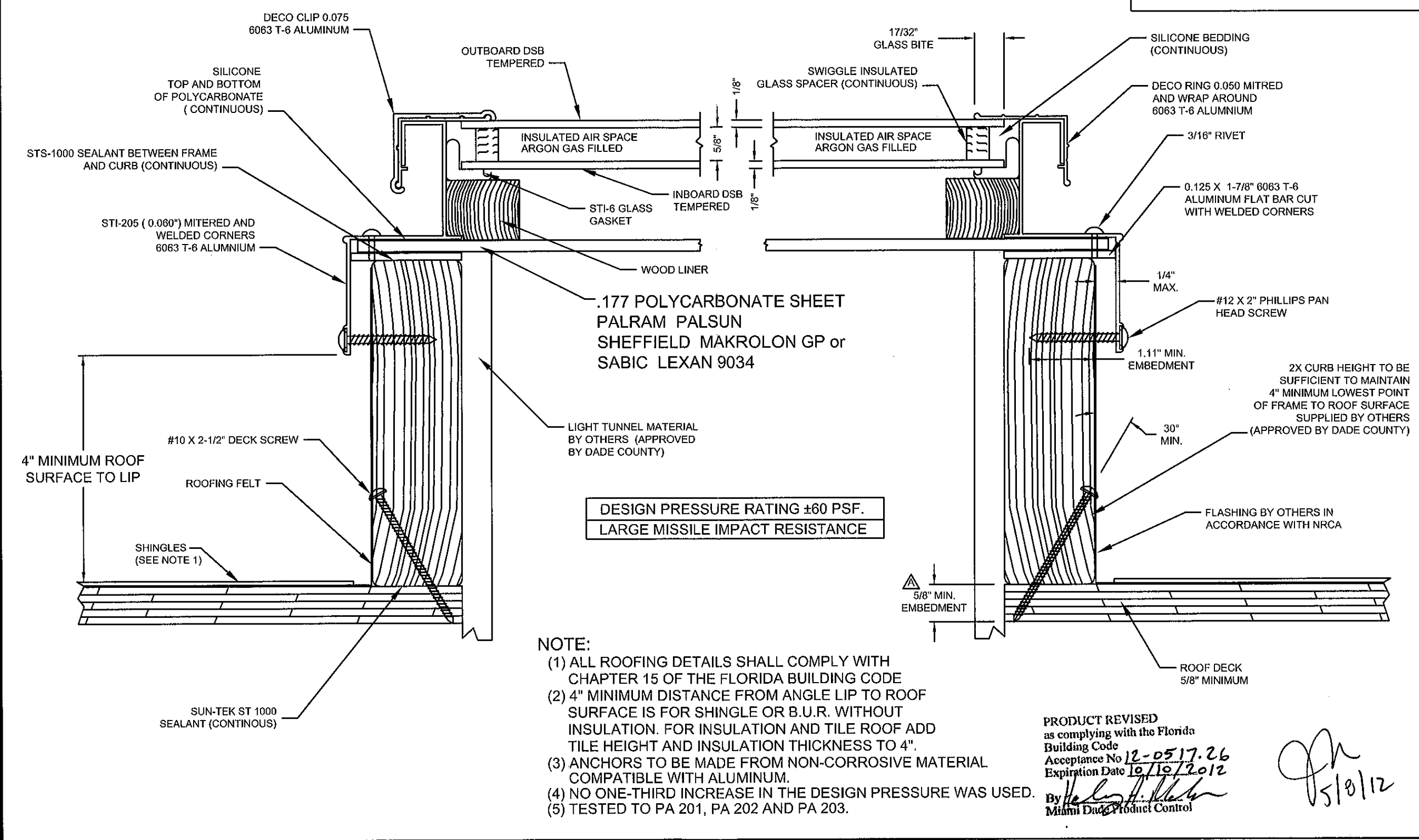
1. *None.*

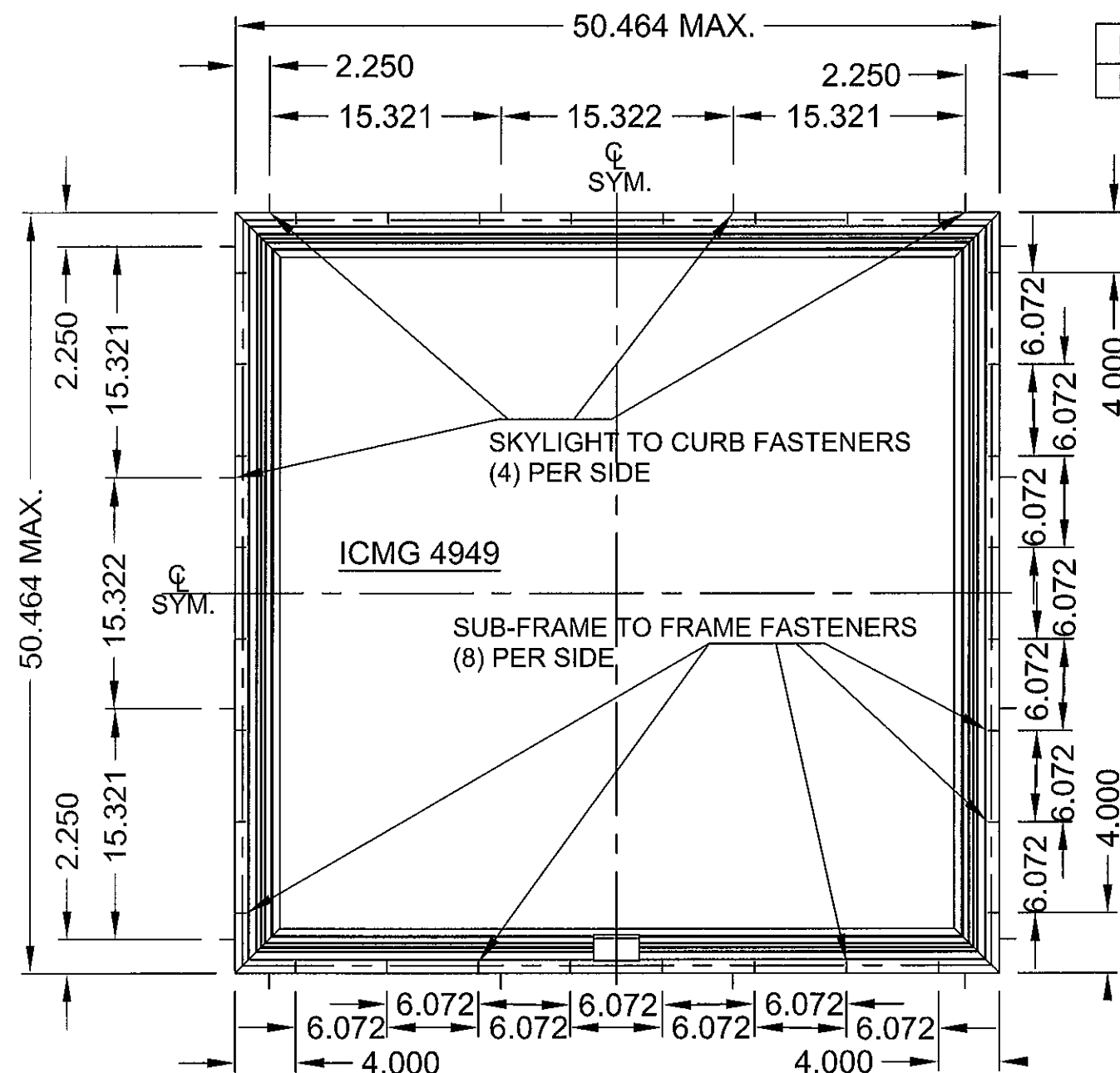
F. OTHERS

1. *A compliance letter, prepared by J & L Wells Consulting LLC, dated April 25, 2012, certify compliance with FBC 2010 edition, sign and sealed by James D. Wells, Jr., P.E..*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0517.26
Expiration Date: 10/10/2012
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DESIGN PRESSURE RATING ± 60 PSF.
LARGE MISSILE IMPACT RESISTANCE

STS-1000 SEALANT BETWEEN FRAME AND CURB (CONTINUOUS)

0.125 X 2" ALUMINIUM FLAT BAR
6063 T-6 BUTT WELDED CORNERS

PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No. 12-0517.26

Expiration Date 10/10/2012

By *Healy A. Miller*

Miami Dade Product Control

STI-205 (0.080") MITERED AND WELDED CORNERS

#12 X 2" PHILLIPS PAN HEAD SCREW

4" MINIMUM ROOF SURFACE TO LIP

FLASHING BY OTHERS IN ACCORDANCE WITH NRCA

#10 X 2-1/2" DECK SCREW (5) PER SIDE

ROOFING FELT

SHINGLES (1)

ROOF DECK 5/8" MINIMUM

SUN-TEK ST 1000 SEALANT

SILICONE BEDDING (CONTINUOUS)

DECO CLIP 0.075

SILICONE TOP AND BOTTOM OF POLYCARBONATE (CONTINUOUS)

3/16 X 7/16" RIVETS

DECO RING 0.050 6063 T-6 ALUMINIUM MITERED AND WRAP AROUND

OUTBOARD GLASS DSB TEMPERED (1/8")

INSULATED AIR SPACE ARGON GAS FILLED

STI-6 GLASS GASKET

INBOARD DSB TEMPERED (1/8")

WOOD LINER

.177 POLYCARBONATE SHEET
PALRAM PALSUN
SHEFFIELD MAKROLON GP or
SABIC LEXAN 9034

LIGHT TUNNEL MATERIAL BY OTHERS (APPROVED BY DADE COUNTY)

2X CURB HEIGHT TO BE SUFFICIENT TO MAINTAIN 4" MINIMUM CLEARANCE BETWEEN ROOF SURFACE AND LOWEST LIP OF FRAME CURB SUPPLIED BY OTHERS (APPROVED BY DADE COUNTY)

NOTE:

- * (1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE
- (2) 4" MINIMUM DISTANCE FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR B.U.R. WITHOUT INSULATION. FOR INSULATION AND TILE ROOF ADD TILE HEIGHT AND INSULATION THICKNESS TO 4".
- (3) ANCHORS TO BE MADE FROM NON-CORROSIVE MATERIAL COMPATIBLE WITH ALUMINUM.
- (4) NO ONE-THIRD INCREASE IN THE DESIGN PRESSURE WAS USED.

Engineer of Record:
James D. Wells, Jr., P.E.
Professional Engineer No. 53616

J & L Wells Consulting LLC
1453 Arbutus Circle
Oviedo, FL 32765
(407) 496-5489
Certificate of Authorization No. 27162

JL
5/3/12

FASTENER SCHEDULE SKYLIGHT TO CURB #12 X 2" PHILLIPS PAN HEAD SCREWS			FASTENER SCHEDULE CURB TO DECK #10 X 2-1/2" DECK SCREWS		FASTENER SCHEDULE SUB-FRAME TO FRAME 3/16 X 7/16" RIVETS	
MODEL	PER LONG SIDE	PER SHORT SIDE	PER LONG SIDE	PER SHORT SIDE	LONG SIDE	PER SHORT SIDE
4949	4	4	5	5	8	8
4646	4	4	5	5	8	8
3349	4	3	5	3	8	6
3333	3	3	3	3	6	6
3046	4	3	4	3	8	5
3030	3	3	3	3	5	5
2549	4	3	4	3	8	5
2533	3	3	3	3	6	5
2525	3	3	3	3	5	5
2246	4	3	4	3	8	4
2230	3	3	3	3	5	4
2222	3	3	3	3	4	4
1749	4	2	4	2	8	3
1733	3	2	3	2	6	3
1446	4	2	4	2	8	3
1430	3	2	3	2	5	3

REVISION: **A**
CHANGE NO. OF FASTENERS ON CURB TO DECK

BY: BSD DATE: 08/07/07

REVISION:

BY: DATE:

PRODUCT NAME:

ICMG

DRAWN BY: JWF

DATE: 05/03/2012

DWG NO. STI-00000290-SHT2

REV. A

SUN-TEK MANUFACTURING, INC.

10303 GENERAL DRIVE ORLANDO, FL 32824